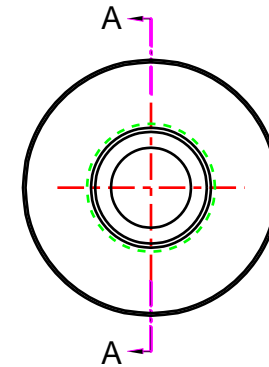


SECTION A-A



SUGGESTED SOURCE:

STANDARD BELLOWS CO.
375 ELLA T. GRASSO TURNPIKE
WINDSOR LOCKS, CN 06096
PHONE: (203)-623-2307
FAX: (203)-623-0398

NOTES:

1. WHEN MACHINING VACUUM PARTS, USE OF SILICONE, SULPHUR-BASED CUTTING FLUIDS AND ABRASIVES IS PROHIBITED. USE TRIM SOL OR APPROVED EQUAL LUBRICANT.
2. FOR COMPLETE SPECIFICATIONS ON MACHINING, CLEANING, VACUUM REQUIREMENTS, TESTING AND DELIVERY PREPARATION, SEE ANL DOCUMENT #410201-00095.
3. FOR COMPLETE WELDING SPECIFICATIONS, SEE ANL DOCUMENT #AMS 2685C.
4. DIMENSIONS IN BRACKETS [] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.

MAX. EXTENDED LENGTH (DIM. A)	21.00 [533.40]
MAX. COMPRESSED LENGTH (DIM. A)	2.40 [60.96]
MAX. INSTALLED LENGTH (DIM. A)	11.81 [300.00]
MIN. INSTALLED LENGTH (DIM. A)	3.94 [100.00]
MAX. LATERAL OFFSET (DIM. B)	.06 [1.52]
NUMBER OF SEGMENTS	10
PRESSURE - EXTERNAL	15 psi
NUMBER OF CYCLES	10,000

BY	CHANGE DESCRIPTION	BY	CHKD	DATE

1	STANDARD BELLOWS #400-200-10-EE	WELDED BELLOWS, 10 SEGMENTS 4.000 O.D. x 2.000 I.D.	347 OR 347L STAINLESS STEEL	1
ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION		QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES: DECIMALS ANGULAR X - .010 (.254) - .02 XX - .005 (.127) - .01 SURFACE ROUGHNESS 125 REMOVE ALL BURRS AND BREAK SHARP EDGES (R.04) SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST AMS 2685C DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ASME Y14.5				
LOG NUMBER A2210100		THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY		
DRAWN BY R. KRAKORA		DATE 2/95	CHEF DESIGN ENGINEER	DATE
CHECKED BY C. BRITE		DATE 2/95	GP LEADER	
DESIGNER R. KRAKORA		DATE 2/95	PROJECT MGR.	
RESPONSIBLE ENGINEER C. BRITE		DATE 2/95	APPROVED/RELEASED	
MATERIAL SEE PARTS LIST		SCALE: 1:1 SHEET 1 of 1		
DO NOT SCALE DRAWING		DRAWING NUMBER P4105091506-210001-00		

ADVANCED PHOTON SOURCE
L6 SOFT X-RAY
VERTICAL ENTRANCE SLIT
BELLOWS